

ATTN: LABORATORY
HOSPITAL NAME
ADDRESS
CITY, WA 00000

NEWBORN SCREENING REPORT

STATE LAB #: 20040019999

TESTING COMPLETED: 06/01/2004

CHILD'S INFORMATION

Name: BABY DOE

Birth Date: 01/20/2004

Sex: FEMALE Birth Weight: 03500 gms

Medical Record #: 12345678

Collection Date: 06/02/2004

Age at Collection: 1 day(s) 15 hour(s)

Transfused: No

MOTHER'S INFORMATION

First Name: DOE

Last Name: JANE

SUBMITTER & PROVIDER INFORMATION

Collected at: H00XX

HOSPITAL NAME

Outpatient Provider:

Dr. John Smith

Optional Use:

Notes from hospital about any special circumstances (adoption, transfer, etc..)

NEWBORN SCREENING RESULTS

DISORDER	RESULTS	COMMENT	NORMAL RANGE
Congenital Hypothyroidism (CH) <i>TSH: μIU/mL serum</i>	27.10	Abnormal* - See Attachment	TSH \leq 34.4, 29.4, or 19.4 μ IU/ml*
Congenital Adrenal Hyperplasia (CAH) <i>17-OHP: ng/mL serum</i>	26.77	NORMAL FINDINGS*	< 60.0 ng/mL
Hemoglobinopathy <i>Phenotype</i>	FA	NORMAL FINDINGS*	FA
Biotinidase <i>Enzyme Activity</i>	NORMAL	NORMAL FINDINGS*	Full Enzyme Activity
Galactosemia <i>Enzyme Activity</i>	NORMAL	NORMAL FINDINGS*	Full Enzyme Activity
Homocystinuria <i>Methionine : μmol/L blood</i>	< 80	NORMAL FINDINGS*	< 80 μ mol/L blood
MCAD Deficiency <i>Octanoyl carnitine(C8) : μmol/L</i>	< 0.5	NORMAL FINDINGS*	< 0.5 μ mol/L blood
Maple Syrup Urine Disease (MSUD) <i>Leucine : μmol/L blood</i>	< 300	NORMAL FINDINGS*	< 300 μ mol/L blood
Phenylketonuria (PKU) <i>Phenylalanine : μmol/L blood</i>	< 180	NORMAL FINDINGS*	< 180 μ mol/L blood

* Based on child's age, birthweight, or transfusion status.

* All infants should have a second newborn screen between 7 and 14 days to maximize detection of the disorders screened. Repeat screening is especially important for this infant either because the specimen was collected before 24 hours of age or the child had a very low birth weight (<1500g). Each of these factors can reduce the sensitivity of the screening tests.

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BORDERLINE THYROID

Most borderline results are due to factors other than congenital hypothyroidism (i.e. early collection, low birth weight, clinical status). However, to ensure that this infant does not have congenital hypothyroidism, another newborn screening specimen should be submitted promptly. Our follow-up staff will contact the child's health care provider if a subsequent specimen is not received. Please call our office at (206) 361-2902 or toll-free at 1-866-660-9050 if there are any questions regarding these thyroid results.

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